

FIG. 1

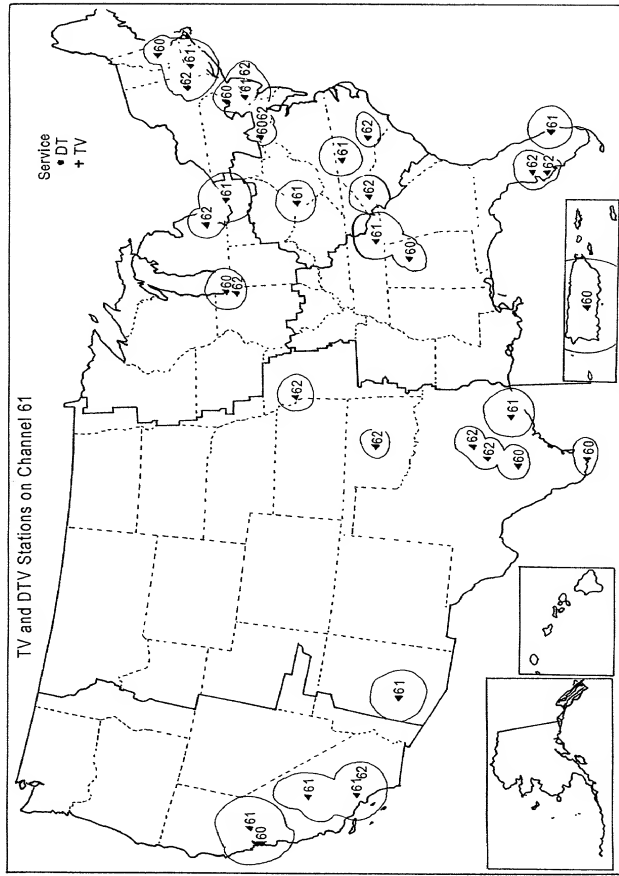
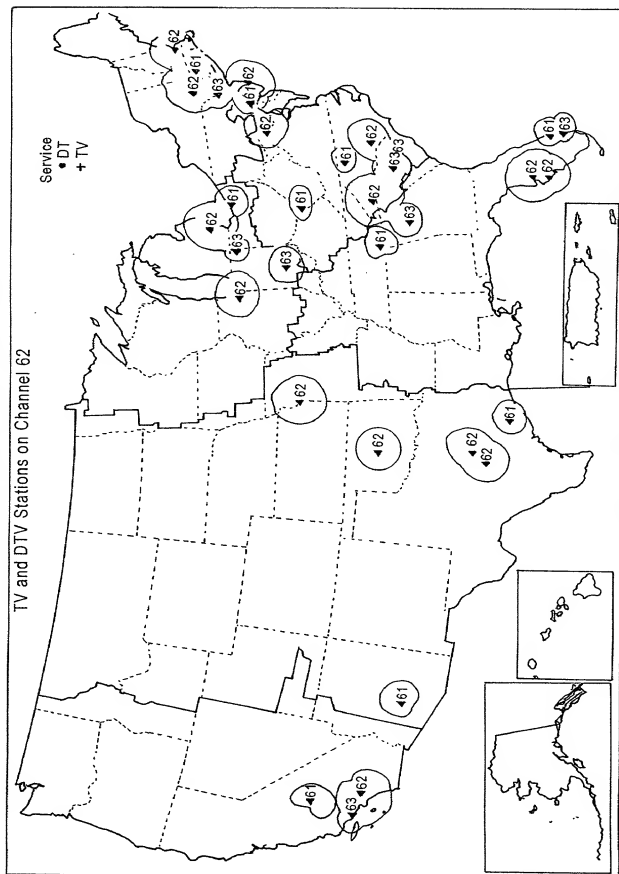


FIG. 2B



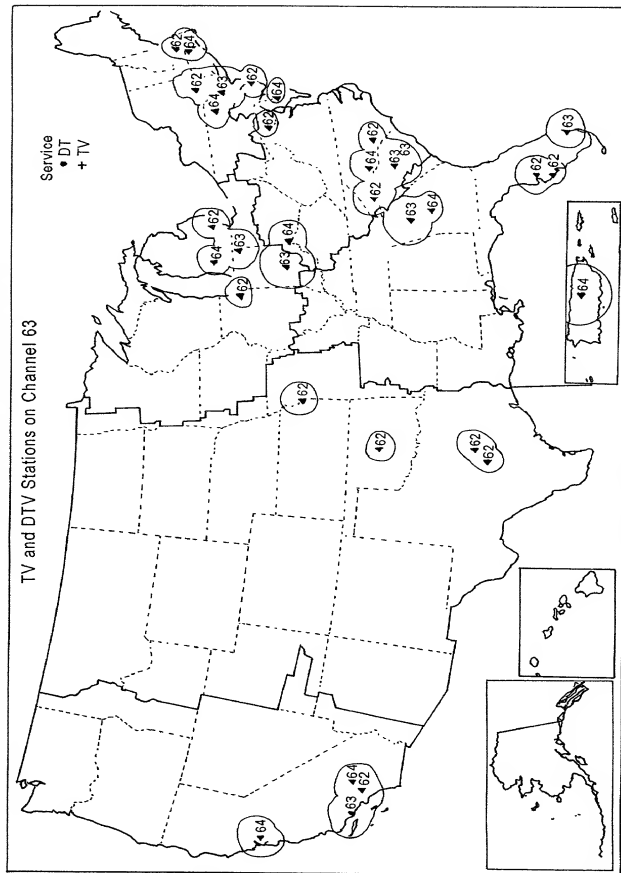


FIG. 2D

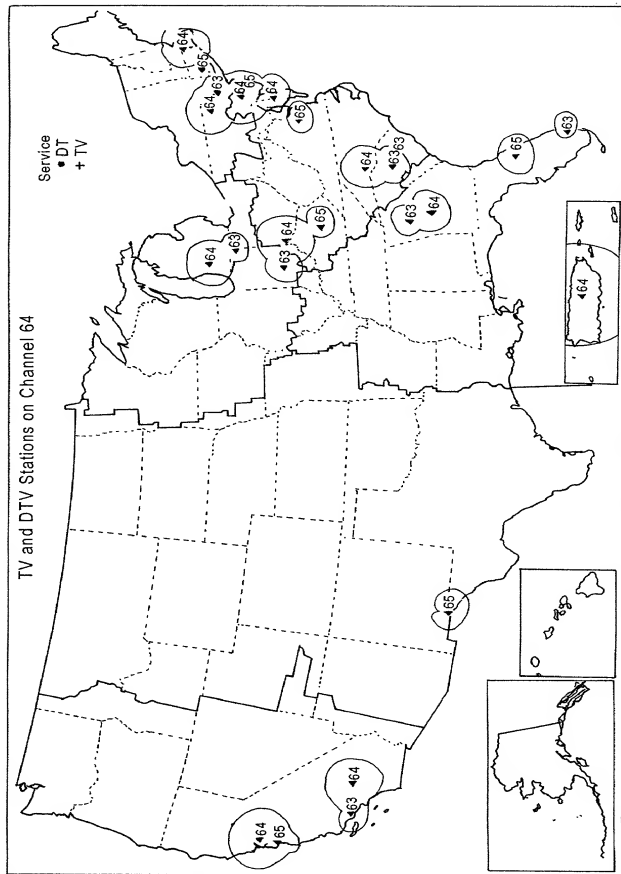


FIG. 2E

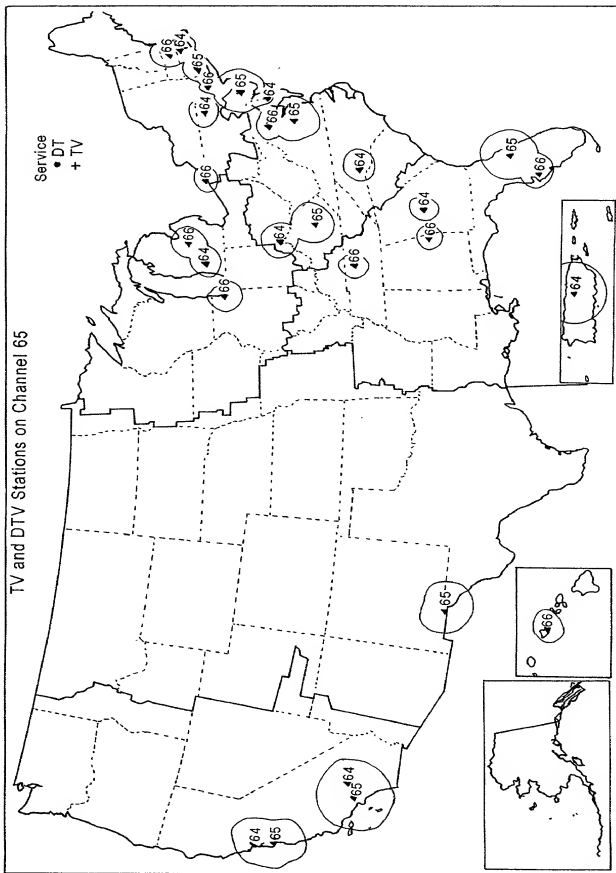


FIG. 2F

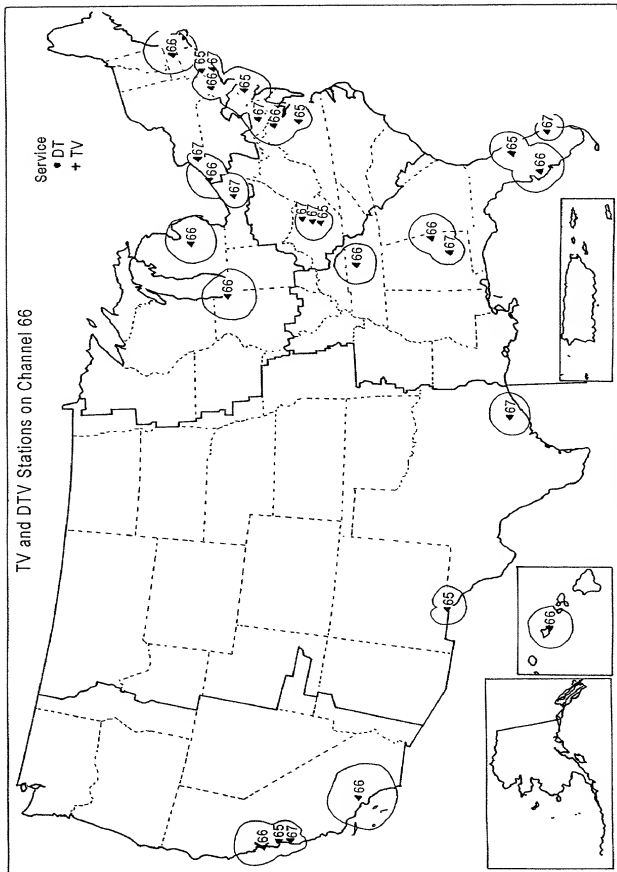
Service
• DT
+ TV

FIG. 2G

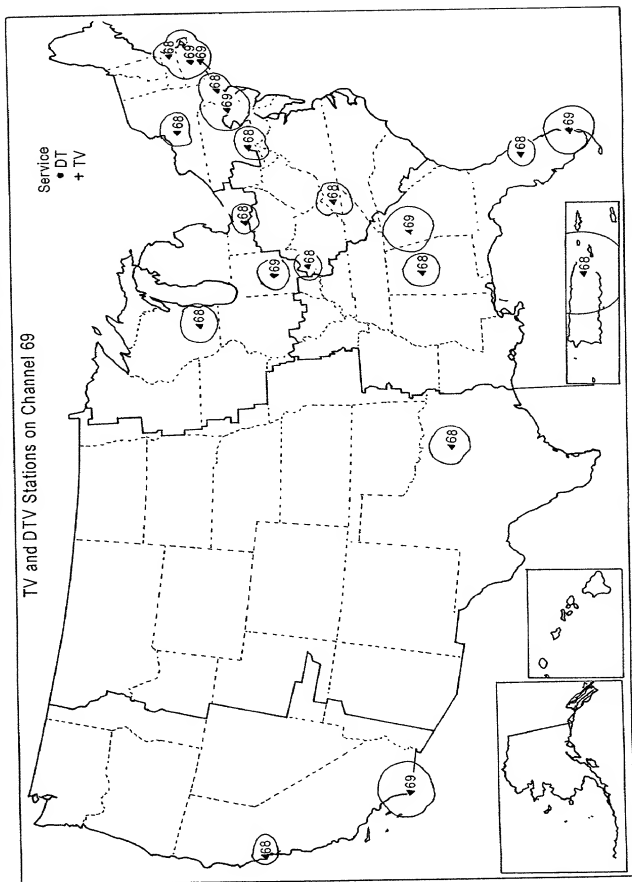
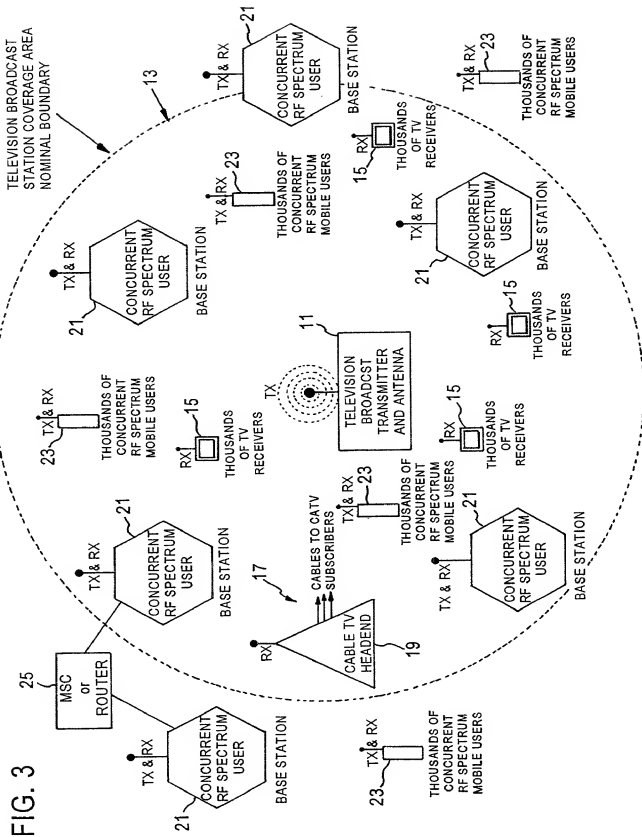
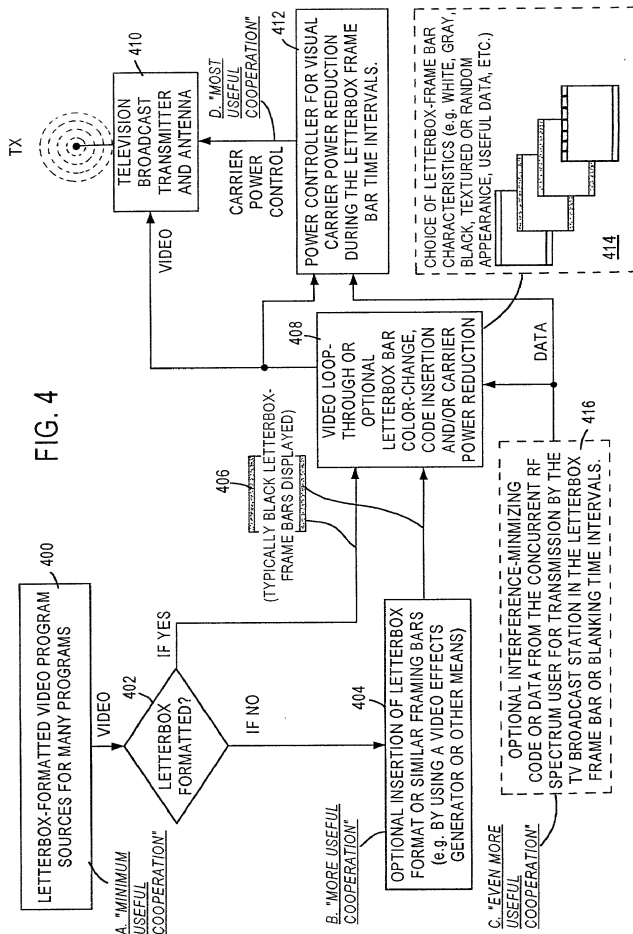


FIG. 2J





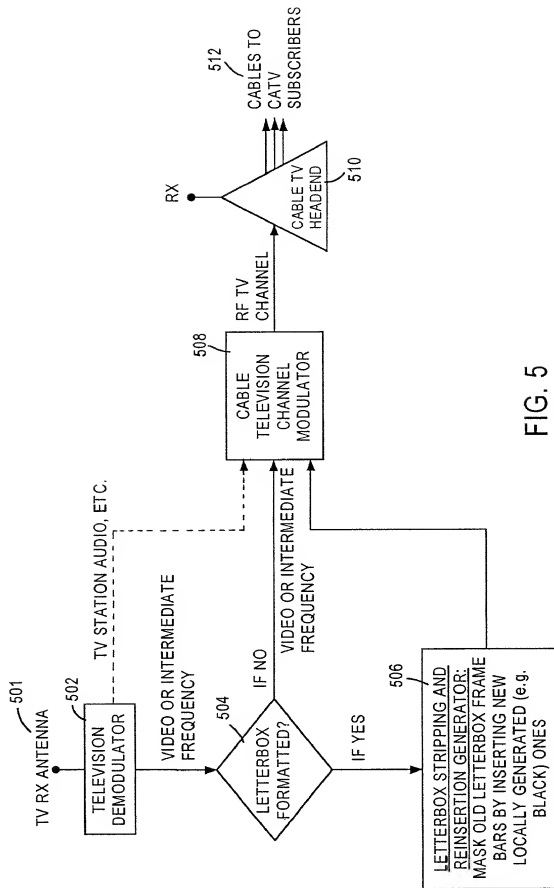
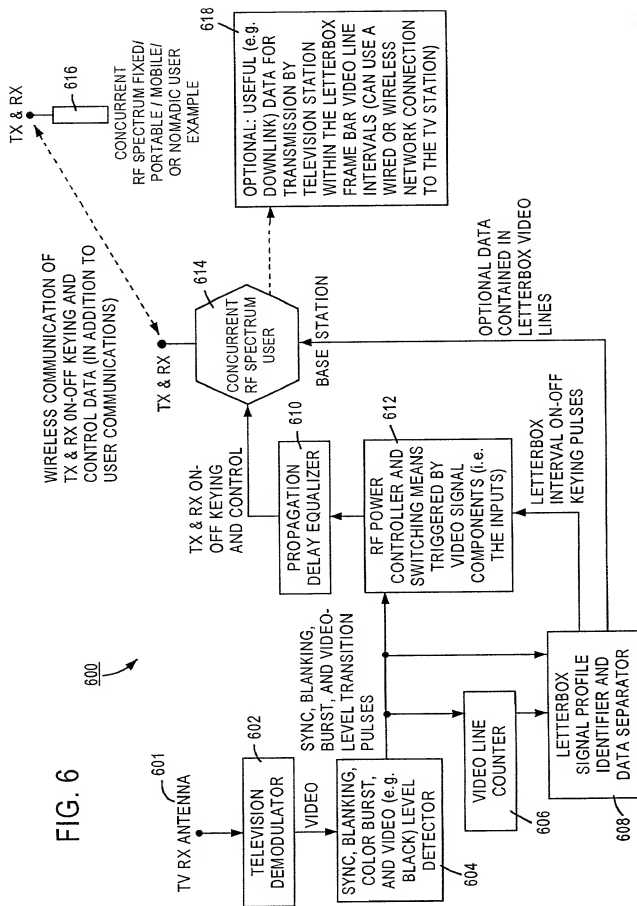


FIG. 5



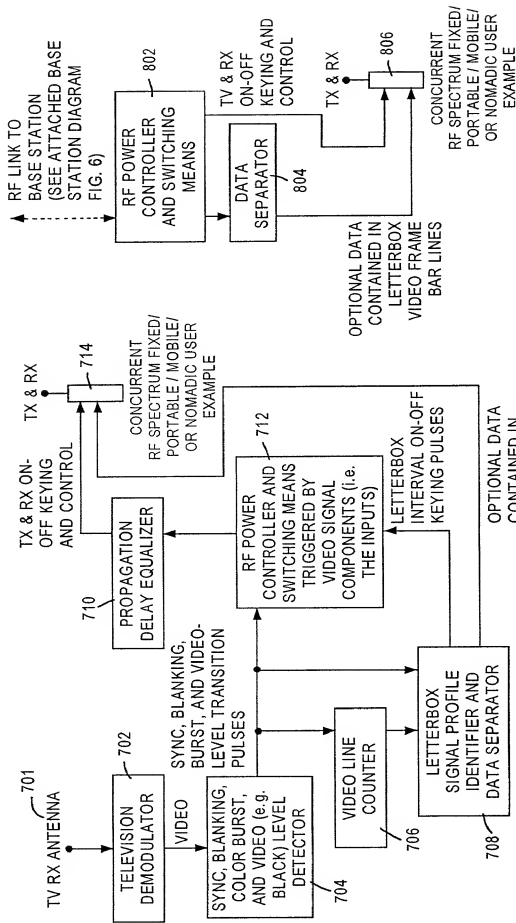


FIG. 7

FIG. 8

EXAMPLE #1:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC
DISPLAY AREA = FULL SCREEN
LETTERBOX FRAME AREA = NONE.

FIG. 9A

BLACK	<p>EXAMPLE #2:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: BLACK (NEAR MAXIMUM TELEVISION MODULATION POWER).</p>	BLACK
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FIG. 9B

WHITE	<p>EXAMPLE #3:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: WHITE (NEAR MINIMUM TELEVISION MODULATION POWER).</p>	WHITE
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FIG. 9C

50% GRAYSCALE
<p>EXAMPLE #4:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: 50% GRAYSCALE (APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).</p>
50% GRAYSCALE

FIG. 9D

TEXTURED, RANDOM OR PSEUDORANDOM
<p>EXAMPLE #5:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.</p>
TEXTURED, RANDOM OR PSEUDORANDOM

FIG. 9E

<p>ACTUAL DATA OR DOTTING SEQUENCE</p>	<p>EXAMPLE #6:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: ACTUAL DATA OR DOTTING SEQUENCE.</p>
<p>ACTUAL DATA OR DOTTING SEQUENCE</p>	

FIG. 9F

1010	1012	1014	1008	1002
Defined Relative Levels	RF Carrier Power (%)	IRE Scale	Sources (Volts DC)	
Power Reduction #2	0	120	1.1429	●
Power Reduction #1	6.25	110	1.0714	●
Reference White	12.5	100	1.0000	●
		90	0.9286	●
	(Grayscale	80	0.8571	●
	and Carrier	70	0.7857	●
	Power may	60	0.7143	●
Grayscale	not be	50	0.6429	●
	linear	40	0.5714	●
	functions)	30	0.5000	●
		20	0.4286	●
		10	0.3571	●
Black	67.5	7.5	0.3393	●
Blanking	75	0	0.2857	●
		-10	0.2143	●
		-20	0.1429	●
		-30	0.0714	●
Sync Pulse Tip	100	-40	0	●

1004 → (S1)

1006 → (S2)

FIG. 10

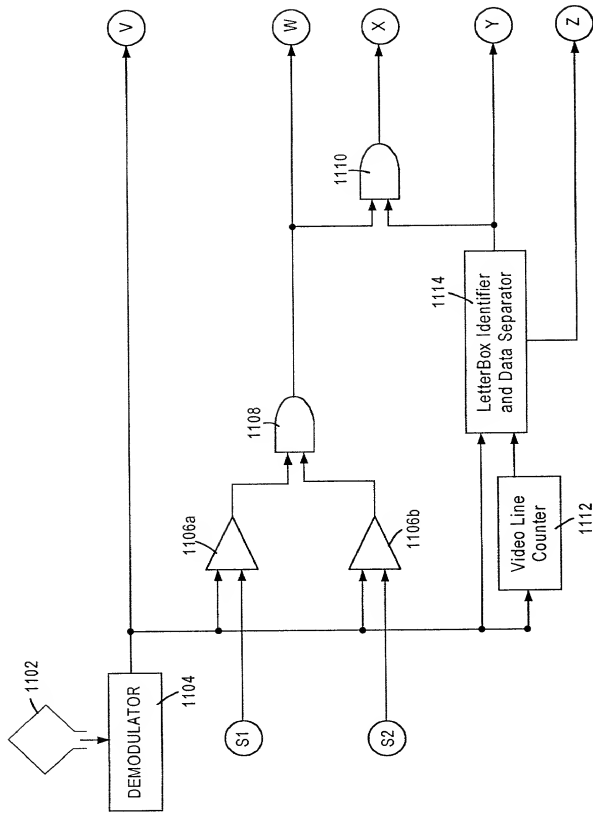
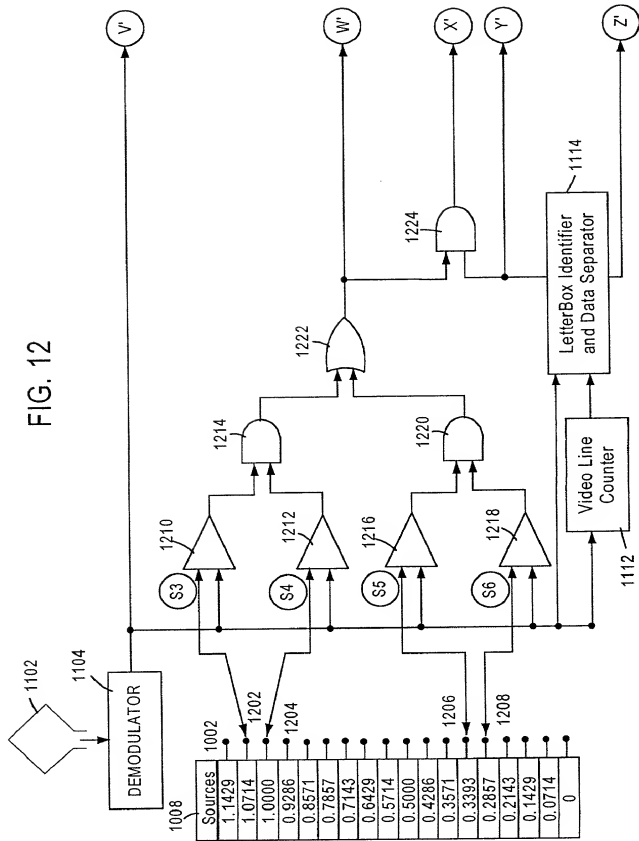


FIG. 11

FIG. 12



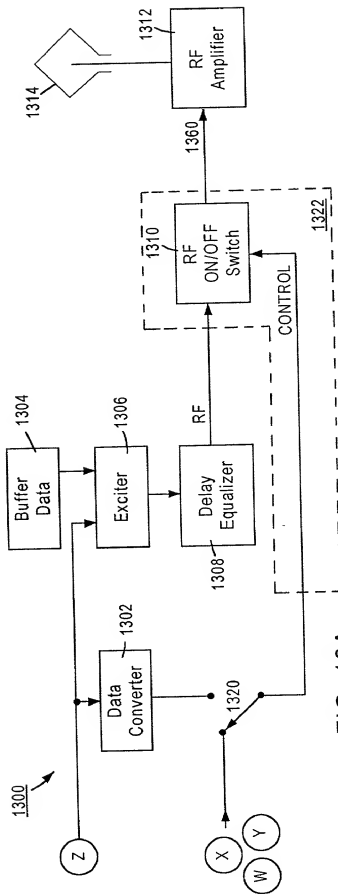


FIG. 13A

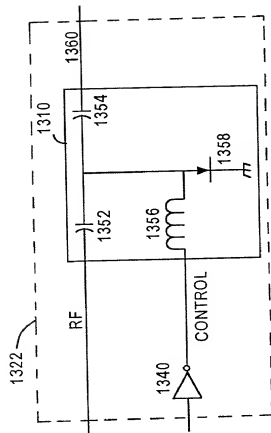


FIG. 13B

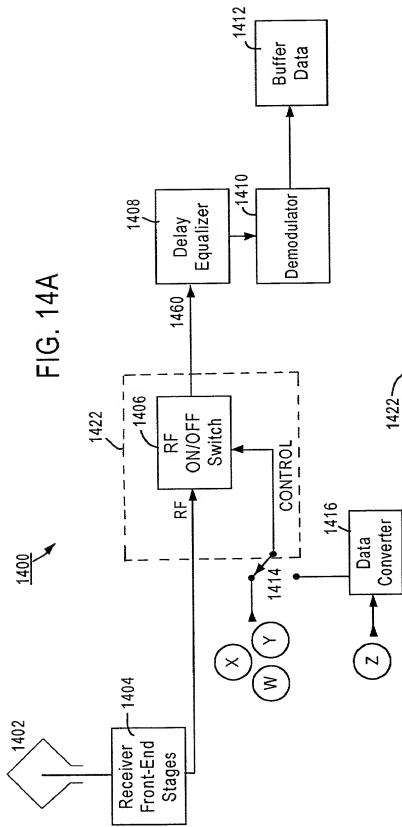


FIG. 14B

